

an open area test site; or 9.1, 0.9, or 0.6 mV/meter, respectively, when measured on a test site equivalent to free space such as a fully anechoic test chamber. Compliance with the maximum transmitter power requirements set forth in §95.639(f) shall be based on measurements using a peak detector function and measured over an interval of time when transmission is continuous and at its maximum power level. In lieu of using a peak detector function, measurement procedures that have been found to be acceptable to the Commission in accordance with §2.947 of this chapter may be used to demonstrate compliance.

(2) Frequency stability testing shall be performed over the temperature range set forth in (e) of this section.

(3) Radiated emissions and EIRP measurements may be determined by measuring the radiated field from the equipment under test at 3 meters and calculating the EIRP. The equivalent radiated field strength at 3 meters for 25 microwatts, 250 nanowatts, and 100 nanowatts EIRP is 18.2, 1.8, or 1.2 mV/meter, respectively, when measured on an open area test site; or 9.1, 0.9, or 0.6 mV/meter, respectively, when measured on a test site equivalent to free space such as a fully anechoic test chamber. Compliance with the maximum transmitter power requirements set forth in §95.639(f) shall be based on measurements using a peak detector function and measured over an interval of time when transmission is continuous and at its maximum power level. In lieu of using a peak detector function, measurement procedures that have been found to be acceptable to the Commission in accordance with §2.947 of this chapter may be used to demonstrate compliance.

(i) For a transmitter intended to be implanted in a human body, radiated emissions and EIRP measurements for transmissions by stations authorized under this section may be made in accordance with a Commission-approved human body simulator and test technique. A formula for a suitable tissue substitute material is defined in OET Bulletin 65 Supplement C (01-01).

[74 FR 22705, May 14, 2009, as amended at 75 FR 52477, Aug. 26, 2010]

#### § 95.629 LPRS transmitter frequencies.

(a) LPRS transmitters may operate on any frequency listed in paragraphs (b), (c), and (d) of this section. Channels 19, 20, 50, and 151-160 are available exclusively for law enforcement tracking purposes. AMTS transmissions are limited to the 216.750-217.000 MHz band for low power point-to-point network control communications by AMTS coast stations. Other AMTS transmissions in the 216-217 MHz band are prohibited.

(b) *Standard band channels.* (1) The following table indicates standard band frequencies. The channel bandwidth is 25 kHz.

Channel No.	Center frequency (MHz)
1 .....	216.0125
2 .....	216.0375
3 .....	216.0625
4 .....	216.0875
5 .....	216.1125
6 .....	216.1375
7 .....	216.1625
8 .....	216.1875
9 .....	216.2125
10 .....	216.2375
11 .....	216.2625
12 .....	216.2875
13 .....	216.3125
14 .....	216.3375
15 .....	216.3625
16 .....	216.3875
17 .....	216.4125
18 .....	216.4375
19 .....	216.4625
20 .....	216.4875
21 .....	216.5125
22 .....	216.5375
23 .....	216.5625
24 .....	216.5875
25 .....	216.6125
26 .....	216.6375
27 .....	216.6625
28 .....	216.6875
29 .....	216.7125
30 .....	216.7375
31 .....	216.7625
32 .....	216.7875
33 .....	216.8125
34 .....	216.8375
35 .....	216.8625
36 .....	216.8875
37 .....	216.9125
38 .....	216.9375
39 .....	216.9625
40 .....	216.9875

(2) LPRS transmitters operating on standard band channels must be maintained within a frequency stability of 50 parts per million.

(c) *Extra band channels.* (1) The following table indicates extra band frequencies. The channel bandwidth is 50 kHz.

Channel No.	Center frequency (MHz)
41 .....	216.025
42 .....	216.075
43 .....	216.125
44 .....	216.175
45 .....	216.225
46 .....	216.275
47 .....	216.325
48 .....	216.375
49 .....	216.425
50 .....	216.475
51 .....	216.525
52 .....	216.575
53 .....	216.625
54 .....	216.675
55 .....	216.725
56 .....	216.775
57 .....	216.825
58 .....	216.875
59 .....	216.925
60 .....	216.975

(2) LPRS transmitters operating on extra band channels must be maintained within a frequency stability of 50 parts per million.

(d) *Narrowband channels.* (1) The following table indicates narrowband frequencies. The channel bandwidth is 5 kHz and the authorized bandwidth is 4 kHz.

Channel No.	Center frequency (MHz)
61 .....	216.0025
62 .....	216.0075
63 .....	216.0125
64 .....	216.0175
65 .....	216.0225
66 .....	216.0275
67 .....	216.0325
68 .....	216.0375
69 .....	216.0425
70 .....	216.0475
71 .....	216.0525
72 .....	216.0575
73 .....	216.0625
74 .....	216.0675
75 .....	216.0725
76 .....	216.0775
77 .....	216.0825
78 .....	216.0875
79 .....	216.0925
80 .....	216.0975
81 .....	216.1025
82 .....	216.1075
83 .....	216.1125
84 .....	216.1175
85 .....	216.1225
86 .....	216.1275
87 .....	216.1325
88 .....	216.1375
89 .....	216.1425

Channel No.	Center frequency (MHz)
90 .....	216.1475
91 .....	216.1525
92 .....	216.1575
93 .....	216.1625
94 .....	216.1675
95 .....	216.1725
96 .....	216.1775
97 .....	216.1825
98 .....	216.1875
99 .....	216.1925
100 .....	216.1975
101 .....	216.2025
102 .....	216.2075
103 .....	216.2125
104 .....	216.2175
105 .....	216.2225
106 .....	216.2275
107 .....	216.2325
108 .....	216.2375
109 .....	216.2425
110 .....	216.2475
111 .....	216.2525
112 .....	216.2575
113 .....	216.2625
114 .....	216.2675
115 .....	216.2725
116 .....	216.2775
117 .....	216.2825
118 .....	216.2875
119 .....	216.2925
120 .....	216.2975
121 .....	216.3025
122 .....	216.3075
123 .....	216.3125
124 .....	216.3175
125 .....	216.3225
126 .....	216.3275
127 .....	216.3325
128 .....	216.3375
129 .....	216.3425
130 .....	216.3475
131 .....	216.3525
132 .....	216.3575
133 .....	216.3625
134 .....	216.3675
135 .....	216.3725
136 .....	216.3775
137 .....	216.3825
138 .....	216.3875
139 .....	216.3925
140 .....	216.3975
141 .....	216.4025
142 .....	216.4075
143 .....	216.4125
144 .....	216.4175
145 .....	216.4225
146 .....	216.4275
147 .....	216.4325
148 .....	216.4375
149 .....	216.4425
150 .....	216.4475
151 .....	216.4525
152 .....	216.4575
153 .....	216.4625
154 .....	216.4675
155 .....	216.4725
156 .....	216.4775
157 .....	216.4825
158 .....	216.4875
159 .....	216.4925
160 .....	216.4975
161 .....	216.5025

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Channel No.	Center frequency (MHz)
162	216.5075
163	216.5125
164	216.5175
165	216.5225
166	216.5275
167	216.5325
168	216.5375
169	216.5425
170	216.5475
171	216.5525
172	216.5575
173	216.5625
174	216.5675
175	216.5725
176	216.5775
177	216.5825
178	216.5875
179	216.5925
180	216.5975
181	216.6025
182	216.6075
183	216.6125
184	216.6175
185	216.6225
186	216.6275
187	216.6325
188	216.6375
189	216.6425
190	216.6475
191	216.6525
192	216.6575
193	216.6625
194	216.6675
195	216.6725
196	216.6775
197	216.6825
198	216.6875
199	216.6925
200	216.6975
201	216.7025
202	216.7075
203	216.7125
204	216.7175
205	216.7225
206	216.7275
207	216.7325
208	216.7375
209	216.7425
210	216.7475
211	216.7525
212	216.7575
213	216.7625
214	216.7675
215	216.7725
216	216.7775
217	216.7825
218	216.7875
219	216.7925
220	216.7975
221	216.8025
222	216.8075
223	216.8125
224	216.8175
225	216.8225
226	216.8275
227	216.8325
228	216.8375
229	216.8425
230	216.8475
231	216.8525
232	216.8575
233	216.8625

Channel No.	Center frequency (MHz)
234	216.8675
235	216.8725
236	216.8775
237	216.8825
238	216.8875
239	216.8925
240	216.8975
241	216.9025
242	216.9075
243	216.9125
244	216.9175
245	216.9225
246	216.9275
247	216.9325
248	216.9375
249	216.9425
250	216.9475
251	216.9525
252	216.9575
253	216.9625
254	216.9675
255	216.9725
256	216.9775
257	216.9825
258	216.9875
259	216.9925
260	216.9975

(2) LPRS transmitters operating on narrowband channels must be maintained within a frequency stability of 1.5 parts per million.

[61 FR 46567, Sept. 4, 1996]

**§ 95.630 WMTS Transmitter frequencies.**

WMTS transmitters may operate in the frequency bands specified as follows:

608–614 MHz

1395–1400 MHz

1427–1429.5 MHz except at the locations listed in §90.259(b)(4) where WMTS may operate in the 1429–1431.5 MHz band.

[69 FR 39868, July 1, 2004]

**§ 95.631 Emission types.**

(a) A GMRS transmitter must transmit only emission types A1D, F1D, G1D, H1D, J1D, R1D, A3E, F3E, G3E, H3E, J3E or R3E. A non-voice emission is limited to selective calling or tone-operated squelch tones to establish or continue voice communications. See § 95.181 (g) and (h).

(b) An R/C transmitter may transmit any appropriate non-voice emission which meets the emission limitations of § 95.633.

(c) A CB transmitter may transmit only emission types A1D, H1D, J1D,